

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-15 (canceled)

16.(new) Green part having the following average mineral chemical composition, in percentages by weight on the basis of the mineral oxides:

$$40\% \leq \text{Al}_2\text{O}_3,$$

$$0\% \leq \text{ZrO}_2 \leq 41\%,$$

$$2\% \leq \text{SiO}_2 \leq 22\%,$$

1% < $\text{Y}_2\text{O}_3 + \text{V}_2\text{O}_5 + \text{TiO}_2 + \text{Sb}_2\text{O}_3 + \text{Yb}_2\text{O}_3 + \text{Na}_2\text{O}$, said green part being obtained by adding to a mixture of raw materials an amount greater than 1 % of a constituent consisting of one or more of the oxides from Y_2O_3 , V_2O_5 , TiO_2 , Sb_2O_3 , Yb_2O_3 , and Na_2O .

17.(new) Green part according to claim 16, having the following average mineral chemical composition, in percentages by weight on the basis of the mineral oxides:

$$40\% \leq \text{Al}_2\text{O}_3 \leq 94\%,$$

$$0\% \leq \text{ZrO}_2 \leq 41\%,$$

$$2\% \leq \text{SiO}_2 \leq 22\%,$$

$$1\% < \text{Y}_2\text{O}_3 + \text{V}_2\text{O}_5 + \text{TiO}_2 + \text{Sb}_2\text{O}_3 + \text{Yb}_2\text{O}_3 + \text{Na}_2\text{O}.$$

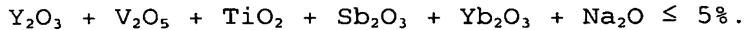
18.(new) Green part according to claim 16, wherein, in percentages by weight on the basis of the mineral oxides:

$$3\% \leq \text{SiO}_2.$$

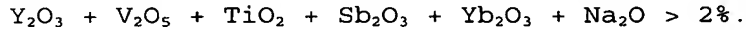
19.(new) Green part according to claim 16, wherein, in percentages by weight on the basis of the mineral oxides:

$$\text{TiO}_2 \geq 2\%.$$

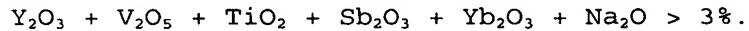
20.(new) Green part according to claim 16, wherein, in percentages by weight on the basis of the mineral oxides:



21.(new) Green part according to claim 16, wherein, in percentages by weight on the basis of the mineral oxides:



22.(new) Green part according to claim 16, wherein, in percentages by weight on the basis of the mineral oxides:

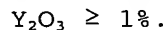


23.(new) Green part according to claim 16, wherein the content, in percentages by weight on the basis of the mineral oxides, of at least one oxide from Y_2O_3 , V_2O_5 , TiO_2 , Sb_2O_3 , Yb_2O_3 and Na_2O is greater than 1%.

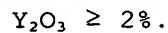
24.(new) Green part according to claim 16, wherein the content, in percentages by weight on the basis of the mineral oxides, of at least one oxide from Y_2O_3 , V_2O_5 , TiO_2 , Sb_2O_3 , Yb_2O_3 and Na_2O is greater than 2%.

25.(new) Green part according to claim 16, wherein the content, in percentages by weight on the basis of the mineral oxides, of at least one oxide from Y_2O_3 , V_2O_5 , TiO_2 , Sb_2O_3 , Yb_2O_3 and Na_2O is greater than 3%.

26.(new) Green part according to claim 16, wherein, in percentages by weight on the basis of the mineral oxides:



27.(new) Green part according to claim 16, wherein, in percentages by weight on the basis of the mineral oxides:



28.(new) Green part according to claim 16, wherein, in percentages by weight on the basis of the mineral oxides:

$Y_2O_3 \geq 3\%$.

29.(new) Process for manufacturing a sintered refractory product, comprising at least the following successive steps:

- a) preparation of a green part according to claim 16 from a mixture of raw materials to which has been added an amount of greater than 1% of a constituent consisting of one or more of the oxides from Y_2O_3 , V_2O_5 , TiO_2 , Sb_2O_3 , Yb_2O_3 and Na_2O , in percentages by weight on the basis of the mineral oxides; and
- b) sintering of said green part.